



Bushnell®

OUTDOOR DIGITAL CAMERA



Model 11-0013G & 11-0013Y
LIT #:98-0455/06-04



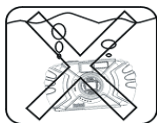
Instruction Manual





Congratulations on your purchase of the Bushnell® Outdoor Camera! The Outdoor Camera is especially designed to capture the memories of your best outdoor adventures, as it is water resistant, dust resistant, shock resistant and rubberized to provide a sure grip. Of course, with its auto flash and close focus capability, it will also deliver great photos indoors as well.

Before using the camera, please read the instructions contained in this manual and take time to familiarize yourself with the camera's operation and many great features.



Please note that although the camera is weatherproof (JIS Grade 4 water resistance), it should not be used underwater, submerged, or washed with a strong stream of water. Damage due to misuse is not covered by warranty.

QUICK GUIDE: BUSHNELL OUTDOOR DIGITAL CAMERA 11-0013G/Y

1	Install Batteries & (optional) Memory Card	Insert 2 AA alkaline or lithium batteries as indicated in the battery compartment on the bottom of the camera. An SD card (optional) for additional photo storage may also be installed in the card slot inside, with the notched corner on the left, towards the LCD display.
2	Turn On the Camera	Press and release the power switch. When the live preview is displayed on the LCD, you are ready to snap a picture. The default settings will provide optimum quality under most conditions. However, we recommend reading the full manual to take advantage of the many available options for different photo conditions and user preferences.
3	Set the Menu Language and Date/Time	Press the OK/Menu button, then the right arrow pad key to open the Mode Menu. Press the down arrow twice to highlight "Set", then use the right arrow to move over to the Set menu list. Go down to "Language", then press the right arrow. Select your language, and press the OK button. The display returns to the Set menu. Keep pressing the down arrow until you highlight "Date & Time" (go past "File Name"), then press the right arrow. In the Date & Time setting screen, use the left/right arrows to select the date/time part you want to change, then use the up/down arrows to set it. The letter at the end of the date line sets the date format (Y/M/D first). The time can be set to a 12 or 24 hour format. Press OK when finished setting the Date & Time.
4	Format the SD Card (optional)	If you inserted an SD card earlier, format it before using the camera. Go to "Format" in the Set Menu, and press the right arrow key. Move down to "Yes" and press OK to confirm you want to format the card. Press OK to exit all menus.



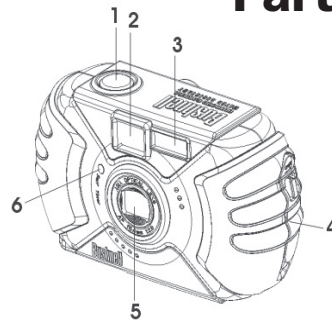
QUICK GUIDE: BUSHNELL OUTDOOR DIGITAL CAMERA 11-0013G/Y

5	Take A Photo	Press the shutter release button halfway down to set the autofocus (green AF light comes on), then fully down when you are ready to take the photo. The frame marks in the center of the LCD show the area used to set focus. For off-centered subjects, place this frame over the main subject, press the shutter button until the AF light is on, continue to hold it, then move the camera to recompose your image before depressing the shutter fully to snap the picture. Scene presets for landscapes, action, and portraits are available, see "Inside the Mode Menu" for detailed instructions.
6	Review and Delete Photos	Press (hold) "Quick View" to review stored photos. The left/right arrow keys step backwards/forwards through the photos. The up/down arrow keys zoom in/out for close inspection of photo details. To delete a photo during review, briefly press Quick View (trashcan icon appears). Press the down key to choose Yes, then press the OK button to delete the photo. To exit the photo review, press and hold Quick View.
7	Connect To A Computer & Transfer Photos	Before connecting the camera, install the drivers from the CD-ROM if you use Windows 98/98SE, and install PhotoSuite if you do not already have photo editing software. Connect the supplied USB cable from your PC to the USB port under the connector cover (above the strap). Press "OK" on the camera. If you have Windows XP, just follow the onscreen directions/options. If you have Win 98 or 2000, open "My Computer" on your PC. The camera is identified as a "Removable Disk". Double click this "disk" and open the folders inside. Select any or all of the ".jpg" files, and use "Edit > Move (or Copy) to Folder" to save the photos to "My Pictures" or another folder on your hard drive. Once transferred, you may disconnect the camera, and the files can be opened, edited and resaved using the supplied PhotoSuite or any imaging software. See "Downloading Your Photos Step by Step" for more details.

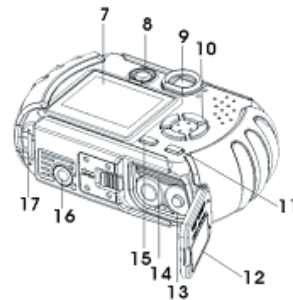
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Parts Identification



1. Shutter Release
2. Viewfinder
3. Flash
4. Connector Cover
5. Lens
6. Self-Timer Lamp



7. LCD Monitor
8. Power Button
9. Viewfinder
10. 4-way Keypad
11. OK / Menu Button
12. Battery Compartment Cover
13. Batteries (AA x 2)
14. SD Card Slot
15. Quick View Button
16. Tripod Socket
17. Strap Bar

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LCD Display Icons

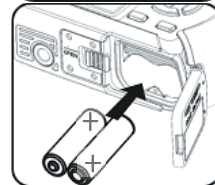
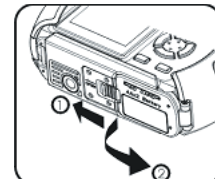


#	Indicator	Icons
1	Battery Check	
2	Shooting Mode (Scene)	
3	Flash Mode	AUTO
4	SD Card Inserted	"SD"
5	# of Photos Remaining	[999]

#	Indicator	Icons
6	Date Display	2004.06.20
7	Image Quality (compression)	FQ / NQ / EQ
8	Image Size (resolution)	2048x1536, 1600x1200, 1280x960, 1024x768, 800x600
9	Digital Zoom Bar	
10	Self Timer	
11	Macro	
12	Sequence Shot (3 frames)	
13	Movie Mode	
14	White Balance	A
15	Meter Pattern	Center Average
16	ISO Setting	AUTO ISO100 ISO200 ISO400
17	Exposure Value (EV)	-2 ~ +2
18	Auto Focus Area Indicator	

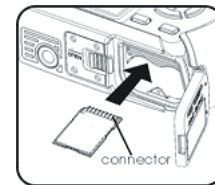
Loading Batteries

Slide the switch towards the tripod socket as shown on the right, then swing open the battery cover. Insert 2 AA Alkaline batteries into the camera as indicated, then close the battery cover until it clicks.



Inserting An SD Card

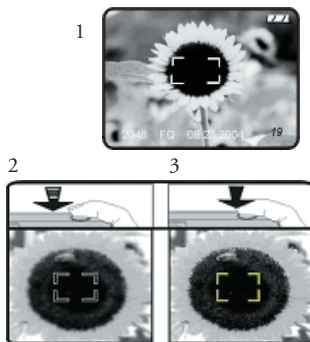
The camera stores 20-542 photos in the 16MB internal memory, depending on resolution/quality settings (refer to the chart at the back of this manual). To expand the available storage, you may add an optional SD ("Secure Digital") memory card, with any capacity up to 512 MB. The card is inserted into a slot in the battery compartment as shown in the last diagram. Note that the "notched" corner is on the left, with the metal connectors facing up.





Taking A Photo

Hold the power button for 2 seconds to turn on the camera. The LCD monitor startup screen will appear, and the red flash charge indicator will blink briefly. When you see the live image preview (1), the camera is ready to shoot. Compose your photo on the LCD display (or use the viewfinder if the LCD is hard to see or batteries are low). Press the shutter release halfway down to set the autofocus on the central area indicated by the AF marks (2). When focus is complete, the green AF light by the viewfinder comes on, and the AF marks on the LCD will change from red to green (you can snap a photo while the marks are still red, but it may not be sharp). For off-center subjects, set focus with AF area centered on the subject, then move the camera as desired, while continuing to hold the shutter release halfway. Press the release down all the way when you are ready to take the photo (3). The LCD will automatically show a quick review of the photo after you take it (the review time can be changed in the Mode Menu settings). To turn off the LCD to conserve battery power, press the Quick View button quickly twice (holding it down changes to Photo Review Mode).



Autofocus Area Frame []

Using The Digital Zoom

Press the “T” (telephoto) key **T** on the arrow pad to zoom in (up to 4x digitally). Pressing the “W” (wide) key **W** after you start to zoom in will zoom back out towards normal magnification. **NOTE:** At high digital zoom settings, the live preview image may appear “coarse” or soft due to real time processing limitations. This does not represent the actual quality of the captured image, as you will see in the quick review after the photo is taken. Once the AF indicator turns green, this confirms that focus is locked in and your subject will be as sharp as possible in the final photo.

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Using The Flash

The default setting is “Auto Flash” when the camera is turned on, meaning the flash will fire only if needed, in low light conditions. Pressing the right button on the 4-way keypad will select other options: Red-Eye Reduction (short pre-flash to reduce pupil size for portraits), Flash On (forces flash to fire in bright conditions-good for filling in shadows on a person's face with the sun behind them), and Flash Off (will not fire in any light conditions-useful in museums or theatres where flash is prohibited.) The icon corresponding to the current flash setting is displayed on the LCD (see “LCD Display Icons”). **NOTE:** When on “normal” Auto Flash, no icon will be seen. After taking a flash photo, there will be a delay of several seconds before the next photo may be taken, while the flash circuits are recharging.

Using The Macro Focus and Self Timer

Macro focus allow you to photograph close up subjects in a range from approx. 4” to 24” (10-60cm). To set the camera to macro focus mode, press the left keypad button. The macro/timer menu will be displayed on the LCD. With the macro (flower) icon highlighted, press “OK” to select it. The macro icon will be seen on the preview LCD. Be sure to hold the camera steady and wait for the autofocus light when taking photos in macro mode. To return to normal focus range, press the left key button, select macro again and press OK.

Once in the macro/timer menu, pressing the down keypad button will highlight the self timer options, which allow you to include yourself in a photo, with 3 or 10 second delays available. Press OK with the desired time selected. With the camera set up on a tripod or sturdy level surface, press the shutter release-the shutter will snap at the end of the time. The timer is also useful for avoiding shaking the camera when taking night scene photos, as the camera will operate at slower shutter speeds. To return to normal shutter operation, press the left key button, select the current timer, and press OK.

Press Cancel while in the macro/timer menu to exit it without making a selection.




Macro/
Timer
Menu

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Using The Top Menu

Pressing the OK/Menu button  below the arrow pad will display the top menu selections on the LCD. There are 2 “Shortcut” menus, which allow you to quickly change the photo size/quality or switch to movie mode, and a Mode menu containing multiple settings arranged in groups or “tabs”. Press the keypad button in the same direction of the icon for each menu to enter it. The menus and their functions are :




Menu Selection
Display

Menu	Icon	Action
Movie Mode/ Still Photo Mode	 from photo mode  from movie mode	Switches from still photo to movie mode for recording video clips (avi format). Press the “up” arrow key again to return from movie mode to still photos.
Image Size & Quality	 Note: only the first # is shown in the size menu: 2048 x 1536 1600 x 1280 1280 x 960 1024 x 768 800 x 600	Image (file) Size can be set from 2048x1536 down to 800x600 pixels in 5 steps. Larger image sizes provide higher resolution (sharpness) but use more storage memory. Image Quality can be set to “FQ” (fine quality), “NQ” (normal) or “EQ” (economy). This affects the amount of .jpg file compression, with FQ being the least compression/highest quality/largest file. The smaller size/lower quality settings will use less memory, if you know you will only make small prints or email your photos.

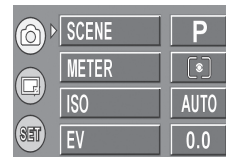
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Using The Top Menu *continued*

Menu	Icon	Action
Mode Menu		Opens additional menus as described next.

Inside The Mode Menu-Additional Settings

After pressing the OK/Menu button to see the 3 top menus, use the right keypad button to open the Mode Menu. Selections within the Mode Menu are arranged in 3 groups, or tabs, as seen on the left column in the Mode Menu screen. To select a menu group, use the up/down buttons. Then press the right button to move to the second column, which shows the items in that group. Again use the up/down button to go to the item you want, then press the right key to move to the third column and see the available settings for that item. Use the up/down buttons to select the setting you want, then press the OK/Menu button to confirm. When finished making your settings, continue to press the OK/Menu button until you return to the normal display. The Mode Menu groups, and the item/settings submenus within each, are arranged in the following order (default settings are in **bold**):



Mode Menu screen, showing (from left) Group, Item, and Setting columns. Use the 4-way keypad to move around within them in any direction.



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